QC ABSTRACT

NAME OF WORK: Improvements and Asphalting to Roads at Jayamuninagara in Kempegowda Ward No.01 of Yelahanka Sub Division

SL NO	Item Of Work	Name of Test	Frequency of Test/Quantity	Executed Quantity	Number of Tests Required	Number of Tests Conducted
		Materials				
1	GSB	SIEVE ANALYSIS	One Test	171.12	1	1
2	WMM	Sieve Analysis	One Test	239.92	2	1
		Impact Value	One Test		1	1
		Flakiness Index	One Test		1	1
		Elongation Index	One Test		1	1
3	DBM	SIEVE ANALYSIS	One Test	57.7	1	1
		STRIPPING VALUE	One Test		1	1
		Flakiness Index	One Test		1	1
		Elongation Index	One Test		1	1
		IMPACT VALUE	One Test		1	1
		Specific gravity	One Test		1	1
		Water Absorption	One Test		1	1
		Marshal Stability	One Test		1	1
		Marshal flow	One Test		1	1
		Percent air Voids	One Test		1	1
		Percent Voids in mineral Aggregate	One Test		1	1
		Percent Voids filled with Bitumen	One Test		1	1
		Density	One Test		1	1
		Gradation	One Test		1	1

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Lab ID : CP-RW-2022-06-02-01 Date: 08-05-22

AFTER EXTRACTION(Trail-1)

Weight of Sample(gm) : 477

IS Sieve Size(mm)	Weight Retained (gm)	Comulative Weight Retained (gm)	Comulative % of Retained	Comulative % of Passing	Specification Limits as per MORTH specification Table 500-10(grading -2)
37.5	0	0	0.0	100.0	100
26.5	0	0	0.0	100.0	90-100
19	47	47	9.9	90.1	71-95
13.2	47	94	19.6	80.4	56-80
4.75	190	284	59.4	40.6	38-54
2.36	50	334	69.9	30.1	28-42
0.3	50	384	80.4	19.6	7-21
0.075	60	444	93.0	7.0	2-8

AFTER EXTRACTION(Trail-2)

Weight of Sample(gm) : 476

IS Sieve Size(mm)	Weight Retained (gm)	Comulative Weight Retained (gm)	Comulative % of Retained	Comulative % of Passing	Specification Limits as per MORTH specification Table 500-10(grading -2)
37.5	0	0	0.0	100.0	100
26.5	0	0	0.0	100.0	90-100
19	48	48	10.1	89.9	71-95
13.2	15	63	13.2	86.8	56-80
4.75	296	359	75.4	24.6	38-54
2.36	74	433	91.0	9.0	28-42
0.3	32	465	97.7	2.3	7-21
0.075	10	475	99.8	0.2	2-8

* The results obtained are satisfactory as per standard requirements.

Note:-
The results pertain to the samples received and tested.
All information Furnished by Customer/ Representative
Any correction in the report will make this report invalid.
This report without prior written approval should not be reproduced or published in full or part.
Samples will be disposed after 30 days from the date of issue of test certificate

CIVIL Pro Sig..... Date..... BANGALORE

FOR CIVIL Pro.

R KARTHIK RECHAN
Authorized Signatory
Quality Manager

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End of Report

TEST RESULTS OF BITUMEN BINDAR CONTENT AND GRADATION FOR BC
IS 2386 (Part 1) 1963 (RA 2011)

Date: 13-05-22

Lab ID	:	**CP-RW-2022-06-02-01**
Customer	:	Assistant Executive Engineer, Yelahanka Sub Division, BBMP, Bangalore.
Address	:	Yelahanka Sub Division, BBMP, Bangalore
Project Name	:	Improvements and Asphalting to Roads at Jayamuninagara in Kempegowda Ward No.01 of Yelahanka Sub Division
Agency	:	Sri. AnjanKumar Y.N, No:456/500, Maheshwaramma Temple Street, Yelahanka Old Town, Bnagalore-560064.
Customer Reference	:	BBMP/EE/YNK.D/EPMT-15/W.O/ /2021-22
Source of Sample	:	Sample supplied by Agency
Date of Receipt	:	12-05-22
Type of Mix	:	BC (Bituminous Concrete)
Date of Test	:	12-05-22

Sl.no	Description	Index	Trail 1	Trail 2
1	Weight of the Sample	A	500	500
2	Weight of the sample After extraction	B	471	472
3	Bitumen percentage	$\frac{A-B}{A} \times 100$	5.80	5.60
4	Average percentage	%	5.7	

CIVIL Pro Sig..... Date..... BANGALORE

FOR CIVIL Pro.

R KARTHIK RECHAN
Authorized Signatory
Quality Manager

A.E.E

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